2951

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2951	038	01	28	76	28BA	3655	7524

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0013	07	07	04	023	Y	NW	30

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
5	CL	SA	E	FT	151	—	12	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00083	—	—	00001

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN 3H4	LORAN 3H5	DEPTH fms	C/C	TIME ON STATION PO	TIME ON STATION DO
START	36° 55′	75° 24′	2133	3035	13		1217	1219
FINISH	36° 53′	75° 24′	2114	3033	16		PU 1249	ON 1255

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
100	1205/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive Hydrowire

65 - BB

28BA

R/V DAN MOORE SPECIES LIST

STA. NO. 2951 DATE JAN 28 1976 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 84.5 AIR 4.0 SURFACE 6.9 BOTTOM 7.2

SAMPLE WT. 84.5 RAISING FACTOR 0

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Stenbeus stenbeus		62	56		0.9	4
Alosa aestivalis		65	27		0.3	
Ammodytes americanus		Numerous				
Polydpeatis		2	1.5		0.8	

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *A. aestivalis*

DATE: 1/28/76

STATION: 2951

LOCALITY: 28BA

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-	1				700-				
210-	2	2							
220-	2	3							
230-	12	8			TOTAL	22	43		
240-	4	15							
250-	1	9							
260-		3							
270-		3							
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

N = 65

RANGE ♂ 206 - 252

♀ 210 - 277

Length-frequency distribution

Species: Scomber scombrus

Station: 2951

Date: JANUARY 1976

Locality:

T.L.	♂		♀	
100 - 104.9				
110 -				
120 -				
130 -				
140 -				
150 -				
160 -				
170 -				
180 -				
190 -				
200 -				
210 -				
220 -	I	(1)		
230 -				
240 -	I	(1)		
250 -	I	(1)		
260 -	III	(3)	I	(1)
270 -			I	(1)
280 -			I	(1)
290 -	I	(1)	II	(2)
300 -	III	(3)		
310 -	I	(1)	IIII	(4)
320 -	III	(3)	II	(2)
330 -	IIII	(4)	I	(1)
340 -	III	(3)	III	(3)
350 -	IIII	(4)	IIII	(4)
360 -	IIII	(5)	III	(3)
370 -	III	(3)	II	(2)
380 -	II	(2)	I	(1)
390 -	I	(1)	I	(1)
400 -				
410 -				
~~Total~~	36		26	total
430 -				
440 -				
450 -				
460 -				
470 -				
480 -				
490 -				
500 -				
510 -				
520 -				
530 -				
540 -				
550 -				
560 -				
570 -				
580 -				
590 -				
600 -				
610 -				
620 -				
630 -				
640 -				
650 -				
660 -				
670 -				
680 -				
690 -				
700 -				
710 -				
720 -				
730 -				
740 -				
750 -				

RANGE ♂ 225 - 398

♀ 263 - 397

Sheet __ of __

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Species: Somber scorpionfish — January 1972

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
1	303	♂						IMm	265	
2	360	♂								
3	397	♀						III		
4	268	♂						IMm		
5	318	♀						IM		
6	343	♀								
7	292	♀						I		
8	225	♂						IMm		
9	370	♂								
10	358	♀						I		
11	383	♂								
12	355	♀						I		
13	364	♀						I		
14	307	♂						IMm		
15	309	♂						IMm		
16	363	♂								
17	328	♀						I		
18	330	♂								
19	381	♀						III		
20	238	♂								
21	323	♂						IMm		
22	281	♀						I		
23	259	♂						IMm		
24	263	♂						IMm		
25	362	♂								
26	354	♂								
27	345	♂						IMm		
28	330	♂						IMm		
29	337	♀						III		
30	333	♂						IMm		
31	370	♀						III		
32	328	♂								
33	357	♂								
34	342	♂								
35	328	♂								
36	373	♂								
37	310	♂								
38	352	♂								
39	360	♂								
40	340	♀						III		
41	344	♀						III		
42	298	♂								
43	366	♀						III		
44	325	♀						I		
45	314	♀						III		
46	370	♀						III		
47	357	♂								
48	351	♀						III		
49	383	♂								
50	341	♀						II		

Species: Scomber scombrus January 1976

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
51	340	♂							2951	2951
2	314	♂						IMM	—	
3	265	♂						I M	—	
4	398	♂							—	
5	354	♀						II	—	
6	365	♀							—	
7	293	♀						III	—	
8	311	♀						III	—	
9	317	♀						I	—	
10	270	♀						I	—	
11	263	♀						I	—	
12	248	♂						IMM	—	
13										
14										
15										
16										
17										

Species: *Alosa aestivalis*

Specimen Number	T.L.	Sex	Otolithis	Gonads	Fecundity	Scale-calc.	Age	Gonad Stage	Station Number	Remarks
451	241	♀						I	2944	
52	238	♂							—	
53	234	♂							2945	
54	207	♂						IMM	—	
55	233	♂							—	
56	270	♀						III	-	
57	247	♀						I	-	
58	244	♀						I	—	
59	253	♀						I	—	
60	265	♂							—	
61	211	♀						IMM	—	
62	268	♀						I	—	
63	257	♀						I	—	
64	242	♀						I	—	
65	182	♂						IMM	—	
66	138	♀						I	—	
67	82	UNK						IMM	2948	
68	81	UNK						IMM	—	
69	84	UNK						IMM	—	
70	74	UNK						IMM	—	
71	80	UNK						IMM	—	
72	76	UNK						IMM	-	
73	78	UNK						IMM	-	
74	93	UNK						IMM	-	
75	118	UNK						IMM	-	
76	206	♂						IMM	2951	
77	227	♂							—	
78	230	♀						II	-	
79	216	♂						IMM	-	
80	238	♀						II	-	
81	236	♂							-	
82	254	♀						III	-	
83	245	♀						II	-	
84	235	♀						I	-	
85	233	♀						I	-	
86	248	♀						II	-	
87	270	♀						II	-	
88	277	♀						II	-	
89	226	♀						I	-	
90	263	♀						I	-	
91	235	♂							-	
92	227	♀						I	-	
93	220	♀						I	-	
94	238	♂							-	
95	235	♂							-	
96	250	♀						II	-	
97	251	♀						I	-	
98	233	♂							-	
99	260	♀						II	-	
500	231	♂							-	

two stations left out 2949 & 50

Species: *Alosa aestivalis*

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
501	227	♂							2551	
02	232	♂							—	
03	243	♀						I	—	
04	234	♀						II	—	
05	243	♀						II	—	
06	210	♀						IMM	—	
07	237	♀						I	—	
08	230	♂							—	
09	247	♀						I	—	
10	242	♂							—	
11	240	♂							—	
12	234	♂							—	
13	241	♂							—	
14	251	♀						II	—	
15	227	♂							—	
16	263	♀						I	—	
17	240	♀						I	—	
18	245	♀						I	—	
19	248	♀						II	—	
20	253	♀						II	—	
21	233	♀						I	—	
22	246	♀						I	—	
23	241	♀						I	—	
24	241	♀						I	—	
25	251	♀						I	—	
26	235	♀						I	—	
27	248	♀						I	—	
28	252	♀						I	—	
29	256	♀						II	—	
30	243	♀						I	—	
31	235	♀						I	—	
32	252	♂							—	
33	216	♀						IMM	—	
34	240	♂							—	
35	241	♀						I	—	
36	231	♂							—	
37	250	♀						II	—	
38	229	♂							—	
39	230	♂							—	
40	245	♀						III	—	
41	237	♂							2552	
42	241	♂							—	
43	243	♀						I	—	
44	237	♂							—	
45	231	♂						IMM	—	
46	227	♂							—	
47	248	♀						II	—	
48	217	♀						IMM	—	
49	242	♀						I	—	
550	242	♀						I	—	

Scomber Scombrus

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